

# WHEAT PROTEIN

## Material Safety Data Sheet (MSDS)

### 1. PRODUCT IDENTIFICATION

**Product Name:** Wheat Protein  
**INCI Name:** Hydrolyzed Wheat Protein, Water, Phenoxyethanol  
**Synonyms:**  
**CAS Number:** 70084-87-6, 7732-18-5, 122-99-6  
**EINECS Number:**  
**Chemical Family:** Mixture

### 2. PHYSICAL & CHEMICAL PROPERTIES

<b>Melting Point:</b>	not applicable
<b>Boiling Point:</b>	105°C / 221°F
<b>Vapor Density:</b>	same as water
<b>Vapor Pressure:</b>	same as water
<b>Specific Gravity:</b>	g/cc 1.16
<b>Solubility in water:</b>	soluble
<b>pH Value:</b>	4.0-6.0 (@25°C)
<b>Appearance &amp; Odor:</b>	amber liquid, characteristic odor

### 3. STABILITY & REACTIVITY

**Chemical Stability:** stable under normal conditions  
**Incompatibility:** High temperatures and strong oxidizing agents  
**Hazardous Decomposition:** Carbon dioxide, carbon monoxide  
**Hazardous Polymerisation:** will not occur

### 4. HANDLING & STORAGE

**Handling:** Do not take internally, do not eat or drink when handling.  
**Storage:** Store in a cool, dry and well ventilated place. Isolate from incompatible materials

### 5. ACCIDENTAL RELEASE MEASURES

Material is soluble in water. Retain all contaminated water for removal and treatment. Notify downstream users of possible contamination. Create a dike or trench to contain materials. Absorb spill with inert material then place in a chemical waste container. Evacuate all non essential personnel, utilize emergency response personal protection equipment prior to the start of any response. Dispose of spill residues per guidelines.

### 6. EXPOSURE CONTROLS & PERSONAL PROTECTION

**Respiratory Protection:** If dusting or misting occurs, wear a NIOSH approved respirator.  
**Protective Clothing:** No specific measures necessary, but gloves and safety glasses, goggles, or face shield are recommended as general laboratory protection measures.  
**Other Protective Measures:** Employees must practice good personal hygiene, washing exposed areas of skin several times daily and laundering contaminated clothing before re-use.

### 7. HAZARDS IDENTIFICATION

**General:** not a hazardous product for human health and the environment.  
**Inhalation:** no specific hazards known.  
**Eye Contact:** Transient redness if not washed out.

**Skin Contact:** no specific hazards known

**Ingestion:** May cause gastrointestinal tract irritation or discomfort including: nausea, vomiting, lethargy or diarrhea. Not expected to be toxic by ingestion.

### 8. FIRST AID MEASURES

**Eyes:** Flush with plenty of water for at least 15 minutes, contact physician if irritation develops.  
**Skin:** Flush with water for 15 minutes, contact physician if irritation develops.  
**Inhalation:** Remove to fresh air.  
**Ingestion:** Drink plenty of water to dilute, consult physician if symptoms develop.

### 9. FIRE FIGHTING MEASURES

**Flash Point:** not relevant, non-flammable  
**Extinguishing Media:** not applicable, choose extinguishing media suitable for surrounding materials.  
**Fire Fighting Procedures:** Firefighters should wear full fire-fighting turn-out gear (full Bunker gear) including NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

### 10. TOXICOLOGICAL INFORMATION

**Acute Oral LD50:** believed to be >5.0 g/kg  
**Dermal and Eye Irritation Test:** believed to be >2.0 g/kg  
**Carcinogenicity:** Not known to be a carcinogen,  
**Mutagenicity:** Not known to be mutagenic.

### 11. DISPOSAL CONSIDERATIONS

Care must be taken to prevent environmental contamination from the use of this material. Dispose of unused material, residues, and containers in compliance with all relevant local, state and federal regulations.

### 12. TRANSPORT INFORMATION

**General Information:** not regarded as hazardous material  
**DOT Shipping Name:** Refer to corresponding hazard class  
**ADR/RIC Code:** Refer to corresponding hazard class  
**Sea Transport IMDG Code:** Refer to corresponding hazard class  
**Air Transport IATA:** Refer to corresponding hazard class

### 13. DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.

ALL DATA HEREIN ARE ALL AS PER OUR SUPPLIER.